



# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Halloween Graphing</b>
Grade Levels:	☞ 4 - 8
Curriculum Areas:	☞ Math
Measurable Objectives:	☞ TSW interview other students to collect data. ☞ TSW create a variety of graphs and tables using Graph Club.
LA Comprehensive Curriculum:	Subject, Unit #, Name of Unit Activity, GLE #s Math, Grade 5, Unit 1, Activity 19 Halloween Graphing, <b>GLEs:</b> 28, 29, 30
Grade Level Expectations: (GLEs)	☞ 28: Use various types of charts and graphs, including double bar graphs, to organize, display, and interpret data and discuss patterns verbally and in writing. ☞ 29: Compare and contrast different scales and labels for bar and line graphs. ☞ 30: Organize and display data using spreadsheets, with technology.
K-12 Educational Technology Standards:	☞ Understand and apply common trouble shooting techniques. ☞ Demonstrate the operations of a computer (touch-keyboarding skills, save, organize, and back up files), and other peripheral devices (scanner, digital and video cameras, VCR, laser disc player) at an intermediate level. ☞ Compose and edit a multi page document with appropriate formatting using word processing skills. (menu, tool bars, dialog boxes, spell check, thesaurus, page layout, headers and footers, margins, word count, tabs, spacing, columns, page orientation.) ☞ Use multimedia tools and desktop publishing to develop and present computer-generated projects for directed and independent learning activities. ☞ Use technology tools (e.g., multimedia authoring, writing tools, digital cameras, drawing tools, web tools) to gather information for problem solving, communication, collaborative writing and publishing to create products for various audiences.

	<ul style="list-style-type: none"> <li>🖥️ Communicate information using spreadsheets and databases to visually represent data and integrate into other documents (e.g., entering data, formatting using formulas, analyzing data, and sorting).</li> </ul>
Technology Connection:	<ul style="list-style-type: none"> <li>🖥️ Graph Club, computers, presentation station; printer</li> </ul>
Assessment:	<ul style="list-style-type: none"> <li>🖥️ Completed Graphs,</li> <li>🖥️ Teacher Observation</li> </ul>
Procedures:	<ul style="list-style-type: none"> <li>🖥️ TTW open her lesson by sharing a poem about Halloween and doing a quick class graph on Halloween. (Do you celebrate Halloween? - Have a bar graph - - give each student a witch's hat to put their names on - they either put the hat under yes or no.)</li> <li>🖥️ TTW tell the students they will be creating graphs about Halloween today. TTW introduce the students to Graph Club.</li> <li>🖥️ TS and TTW create a graph together as the teacher demonstrates how to use Graph Club.</li> <li>🖥️ TSW have to complete their own graph using Graph Club. Each student will be given a graphing topic and a spreadsheet to record data. They will have to interview 10 people in the class to collect their data for the graphs. Once all data is collected the students will create their graphs using Graph Club. They must include 3 questions with their graphs. They also must show 3 different types of graphs on their print out.</li> <li>🖥️ <b>CLOSURE:</b> Students will share their graphs using the presentation station.</li> </ul>
Materials:	<ul style="list-style-type: none"> <li>🖥️ Computers, presentation Station, Graph Club, spread sheet, graph topics, pencils, printer</li> </ul>
Teacher's Name:	<ul style="list-style-type: none"> <li>🖥️ Melissa M. Ryan</li> </ul>
School:	<ul style="list-style-type: none"> <li>🖥️ Loranger Middle/West Side Middle</li> </ul>